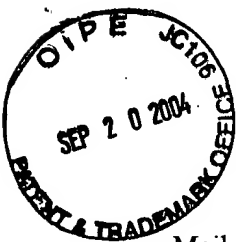


2877
JH



September 17, 2004

Mail Stop Amendment
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Applicant(s): Ibrahim Abdulhalim et al.

Title: Periodic Patterns and Technique to Control Misalignment

Application No.: 09/833,084

Filing Date: April 10, 2001

Examiner: Zandra V. Smith

Group Art Unit: 2877

Docket No.: TNCR.196US0

Conf. No.: 8866

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) Return Receipt Postcard;
- (2) This Transmittal Letter (1 page)
- (3) Amendment (20 pages)

Please charge any additional fees required and credit any overpayment to our
Deposit Account No. 502664.

Certificate of Mailing Under 37 CFR 1.8

I hereby certify that this correspondence is being
deposited with the United States Postal Service with sufficient
postage as first class mail in an envelope address to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA
22313-1450, on September 17, 2004.

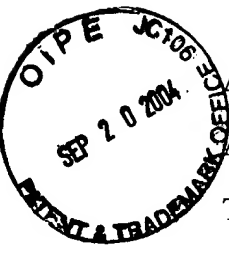
Franklin Dyer

Respectfully submitted,

James S. Hsue
Reg. No. 29,545

9/17/04
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant(s): Ibrahim Abdulhalim et al.
Assignee: KLA-Tencor Corporation
Title: PERIODIC PATTERNS AND TECHNIQUE TO CONTROL MISALIGNMENT

Application No.:	09/833,084	Filing Date:	Apr. 10, 2001
Examiner:	Smith, Zandra V.	Group Art Unit:	1775
Docket No.:	TNCR.196US0	Conf. No.:	8866

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Dear Madam:

This will respond to the Office Action mailed on June 17, 2004, setting a period for response expiring on September 17, 2004.

Claim Amendments begin on page 2.

Drawing Amendments are not being made.

Specification Amendments are not being made.

Remarks begin on page 13.